Biomass **16** (1988) 289–290

CONTENTS OF VOLUME 16

Number 1

Ozonolysis of Lignin — Improvement of *in vitro* Digestibility of Poplar Sawdust . . . 1
PIERRE FRANCOIS VIDAL & JACQUES MOLINIER (France)

Mass Culture Optimization Studies with Four Marine Microalgae 19
E. A. LAWS, S. TAGUCHI, J. HIRATA & L. PANG (USA)

NO_x, NMHC and CO Emissions from Biomass Derived Gasoline Extenders. . . 33
T. W. RUDOLPH & J. J. THOMAS (USA)

Comparison of Centrifugation, Dissolved Air Flotation and Drum Filtration Techniques for Harvesting Sewage-grown Algae 51
T.-S. SIM, A. GOH (Singapore) & E. W. BECKER (FRG)

Furfural Decarbonylation Catalyzed by Charcoal Supported Palladium: Part 1— Kinetics 63
K. J. JUNG, A. GASET & J. MOLINIER (France)

Number 2

Nitrogen Levels and Yeast Viability During Ethanol Fermentation of Grain Sorghum Containing Condensed Tannins. 77
J. T. MULLINS & C. NESMITH (USA)

Furfural Decarbonylation Catalyzed by Charcoal Supported Palladium: Part II — A Continuous Process 89
K. J. JUNG, A. GASET & J. MOLINIER (France)

Anaerobic Digestion of the Shredded Organic Fraction of Municipal Solid Waste 97
PIETRO GIUSEPPE TRAVERSO & FRANCO CECCHI (Italy)

Biomass Production of Sitka Spruce Early Thinnings 107
JACQUES-ERIC BERGEZ, DANIEL AUCLAIR & BERNARD ROMAN-AMAT (France)

Preventing Contamination During Diffusion Fermentation of Fodder Beet Cubes by pH Control 119
WILLIAM R. GIBBONS & CARL A. WESTBY (USA)

Performance of Anaerobic Baffled Reactor (ABR) in Treating Distillery Waste Water From a Scotch Whisky Factory 133
R. BOOPATHY, V. F. LARSEN & E. SENIOR (UK)

Book Reviews 145

Biomass (**16**) (1988) — © Elsevier Science Publishers Ltd, England, 1988. Printed in Great Britain

Number 3

An Analysis of Genetic Variation Among Intraspecific Hybrids in *Grindelia camporum* Asteraceae) 151
STEVEN P. McLAUGHLIN (USA)

An Economic Model for Evaluating Peat and Logging Residues as Alternative Fuels for a Heating Plant 161
L. PETER JENNERGREN & THOMAS THÖRNQVIST (Sweden)

High Solids Anaerobic Fermentation for Biogas and Compost Production . . 173
L. MOLNAR (Canada) & I. BARTHA (Hungary)

Influence of Site Condition, Fertilization and Spacing Short Rotation Hardwood Coppice and Seedling Yields 183
S. J. TORREANO & D. J. FREDERICK (USA)

Short Communications

Biomass Potentials of some Firewood Shrubs of North India 199
BAJRANG SINGH (India)

The Production of Endoglucanase and β-Xylanase by Immobilized Cells of Streptomyces 205
TH. LEGON, M. PENNINCKX & TH. ERPICUM (Belgium)

Book Reviews 211

Number 4

An Evaluation of Two Sunflower Residue Fuels 215
G. M. SMITH & J. A. LINDLEY (USA)

Development and Evaluation of a Fixed Dome Plug Flow Anaerobic Digester . 225
ANJAN K. KALIA (India)

Irrigating Short Rotation Intensive Culture Hybrid Poplars 237
EDWARD A. HANSEN (USA)

Yield and Quality of Charcoal from Coconut Stem Wood 251
R. GNANAHARAN, T. K. DHAMODARAN & P. K. THULASIDAS (India)

State of the Art of R&D in the Anaerobic Digestion Process of Municipal Solid Waste in Europe 257
F. CECCHI, P. G. TRAVERSO (Italy), J. MATA-ALVAREZ (Spain), J. CLANCY & C. ZAROR (UK)

Book Reviews 285